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Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 2003P01722WOUS
INTERNATIONAL APPLICATION NO. PCT/EP2004/053345	INTERNATIONAL FILING DATE 12/08/2004	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/583,621
TITLE OF INVENTION DISHWASHER CONTROL FOR DEALING WITH LARGE AMOUNTS OF FOOD RESIDUES BY VARIABLE WASH PROGRAMS		PRIORITY DATE CLAIMED 12/22/2003
APPLICANT(S) FOR DO/EO/US Hans Beer et al		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/583,621		INTERNATIONAL APPLICATION NO. PCT/EP2004/053345		ATTORNEY'S DOCKET NUMBER 2003P01722WOUS	
20. Other items or information: a.) Return Postcard					
The following fees have been submitted				CALCULATIONS PTO USE ONLY	
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
All other situations..... \$200					
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations..... \$500					
TOTAL OF 21, 22 and 23 =					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	XX - 20 =	0	x \$ 50	\$ 000.00	
Independent claims	XX - 3 =	0	x \$200	\$ 000.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$ 130.00	
03/27/2007 10:58:51 AM Amount refunded:				\$	
01/11/2007 10:58:51 AM Amount to be charged				\$ 130.00	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 502786 in the amount of \$ 130.00 to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 502786. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not  
be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed  
and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Russell W. Warnock  
BSH Home Appliances Corporation  
100 Bosch Blvd.  
New Bern NC 28562



SIGNATURE

Russell W. Warnock

NAME

32,860

REGISTRATION NUMBER



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/583,621	Hans Beer	2003P01722WOUS

INTERNATIONAL APPLICATION NO.
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PCT/EP04/53345

46726

BSH HOME APPLIANCES CORPORATION  
 INTELLECTUAL PROPERTY DEPARTMENT  
 100 BOSCH BOULEVARD  
 NEW BERN, NC 28562

**RECEIVED**  
 MAR 19 2007

I.A. FILING DATE	PRIORITY DATE
12/08/2004	12/22/2003

BY: .....

CONFIRMATION NO. 5952

371 FORMALITIES LETTER



\*OC000000022910075\*

Date Mailed: 03/15/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/20/2006
- Copy of the International Search Report filed on 06/20/2006
- Preliminary Amendments filed on 06/20/2006
- Information Disclosure Statements filed on 06/20/2006
- U.S. Basic National Fees filed on 06/20/2006
- Priority Documents filed on 06/20/2006
- Non-English Language Application filed on 06/20/2006
- Specification filed on 06/20/2006
- Claims filed on 06/20/2006
- Abstracts filed on 06/20/2006
- Drawings filed on 06/20/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$-230 for a Large Entity:

- \$130 Surcharge.

(A previous payment of \$360 will be applied to the additional fees indicated above.)

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/583,621	PCT/EP04/53345	2003P01722WOUS



Attorney Docket No. 2003P01722WOUS

**CERTIFICATE OF MAILING UNDER 37 CFR 1.8**

Serial No.: 10/583,621  
Filing Date: 06/20/2006  
Applicant: Hans Beer et al  
Title: DISHWASHER CONTROL FOR DEALING WITH  
LARGE AMOUNTS OF FOOD RESIDUES BY  
VARIABLE WASH PROGRAMS  
Date of Deposit: March 21, 2007  
Type of Document(s): Certificate of Mailing (1 page);  
Transmittal Letter to the US Designated/Elected Office  
(DO/EO/US) Concerning a Submission Under  
35 USC 371, Original and Copy (6 pages);  
Notice to File Missing Parts (2 pages);  
Response to Notice to File Missing Parts (2 pages);  
Declaration (12 pages);  
Return postcard.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. Section 1.8**

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

March 21, 2007

Date of Deposit

Russell W. Warnock

Name of Person Signing

Signature

Russell W. Warnock, Reg. No. 32,860  
Printed Name

BSH Home Appliances Corporation  
100 Bosch Boulevard  
New Bern, NC 28562  
Phone: 252-672-7927  
Fax: 714-845-2807  
russ.warnock@bshg.com

**UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Hans Beer et al  
Application Number: 10/583,621  
Filing Date: 06/20/2006  
Title: DISHWASHER CONTROL FOR DEALING  
WITH LARGE AMOUNTS OF FOOD  
RESIDUES BY VARIABLE WASH  
PROGRAMS

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Dear Sir:

Applicants are in receipt of the Notice to File Missing Parts dated March 15, 2007, having a response due date of May 15, 2007.

Applicants note a previous payment credit balance of \$360 on the current application. Our paralegal, Linda Logan, spoke with Paulette R Kidwell of the Office on March 20, 2007 regarding this credit balance and it was agreed that no credit balance is available for payment of the Notice to File Missing Parts Fee for the current application.

Applicants herewith enclose the Transmittal Letter to the US Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 USC 371 authorizing payment of the \$130.00 Missing Parts fee from the Applicants' deposit account.

If the Examiner has any questions regarding this response, the Examiner is requested to contact the undersigned.

Respectfully submitted

A handwritten signature in black ink, appearing to read "Russell W. Warnock".

Russell W. Warnock  
Registration No. 32,860  
March 21, 2007

BSH Home Appliances Corporation  
100 Bosch Blvd.  
New Bern, NC 28562  
Phone: 252-672-7927  
Fax: 714-845-2807  
russ.warnock@bshg.com